I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: August 2, 2007

Signature: /Katherine L. Neville 53,379/

(Katherine L. Neville)

Docket No.: 01017/36667

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Banks, W.

Confirmation No. 7965

Application No.: 10/049,182 Group Art Unit: 1649

Filed: June 19, 2002 Examiner: Kolker, D.

For: Modulation of the Blood-Brain Barrier

Transporter for Leptin

RESPONSE TO OFFICE ACTION PURSUANT TO 37 CFR §1.111

MS Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

This paper is filed in response to an Office Action (hereinafter the "Action") mailed April 3, 2007 in the above-referenced application.

Submitted herewith is the fee for a Petition for One-Month Extension of time, pursuant to 37 CFR §1.17. If any additional fees are due, please charge Marshall, Gerstein and Borun Deposit Account No. 13-2855, under Order No. 01017/36667 from which the undersigned is authorized to draw.

Amendments to the claims are reflected in the claims set beginning on page 2 of this paper.

Remarks begin on page 11 of this paper.